

Product datasheet for **RN212195**

Tef (NM_019194) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tef (NM_019194) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tef
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN212195 representing NM_019194 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCCGAGGCGGGCGGGGAAGAAGCCGCCTGTGGAGCCTCAGGCGGGGCGGGCCCGGGGCGTGCAG
CTGGAGAACGGGGCTGTGGGCTCCTTCCTCTAGTCCTGAAGAAGCTGATGGAGAACCCCGCGCGA
GACGCGGCTCGATAAGGAAAAGGGGAAGGAAAGCTGGAGGAAGACGAGTCTGCAGCAGCCAGTACCATG
GCCGTCTCTGCCTCCCTCATGCCACCATCTGGGACAAGACAATCCCCTACGATGGCGAGTCTTTCCACC
TAGAGTACATGGACCTGGATGAGTTCTGTTGGAGAATGGCATCCCTGCCAGCCCCACCCACCTGGCCCA
GAACCTGCTGCTGCCTGTGGCAGAGCTTGAGGGGAAGGAGTCTGCCAGCTCTCCACAGCATCACCA
TCTTCCTCTACTGCCATCTCCAGCCCTCGGAAACCGTGTCCAGCACAGAATCATCCTTGAAAAAGGAGA
GGGAGACACCAAGTCCCATCGACCCCAACTGTGTGGAGTTGATGTGAACCTCAATCCTGACCTGCTGA
CCTGGTCTCTCTAGTGTACCAGGTGGGAACTTTCAACCCTCGGAAGCACAAGTTTGAGAGGAAGAC
CTGAAGCCCCAGCCTATGATCAAGAAAGCAAGAAAGTCTTTGTCCCTGATGAGCAGAAGGATGAGAAGT
ACTGGACAAGGCGTAAGAAGAACAATGTGGCAGCTAACGCTCCCGGACGCCAGGCGCCTGAAGGAGAA
TCAGATCACCATCCGGGCAGCATTTCTGGAGAAGGAGAACACAGCCCTGCGGACGGAGGTTGCTGAGCTT
CGCAAGGAGGTGGCAAGTGCAAGACCATCGTGTCCAAGTATGAGACCAAGTACGGGCCCTTG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_019194
Insert Size:	906 bp


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OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_019194.2</u> , <u>NP_062067.2</u>
RefSeq Size:	4187 bp
RefSeq ORF:	906 bp
Locus ID:	29362
UniProt ID:	<u>P41224</u>
Cytogenetics:	7q34
Gene Summary:	basic region/leucine zipper (bZIP) transcription factor; binds and transactivates thyroid-stimulating hormone beta (Tshb) [RGD, Feb 2006]